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OM protein - protein search, using sw model

Run on: January 16, 2003, 16:49:27, Search time 7.77143 seconds
(without alignments)
32 360 Million cell updates/sec

Title: US-09-856-070-21
Perfect score: 60
Sequence: 1 EELMLRLQDYEE 12

Scoring table: BLISSUM62
Gapop 10 0, Gapext 0.5

Searched: 120041 seqs, 10878514 residues

Total number of hits satisfying chosen parameters: 120041

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database: Published Applications AA:*

- 1: /cgn2_5/ptodata/2/pubpaa/US08_NEW_PUB pep.*
- 2: /cgn2_5/ptodata/2/pubpaa/PTI_NEW_PUB pep.*
- 3: /cgn2_5/ptodata/2/pubpaa/US06_NEW_PUB pep.*
- 4: /cgn2_5/ptodata/2/pubpaa/US07_PUBCOMB pep.*
- 5: /cgn2_5/ptodata/2/pubpaa/US07_NEW_PUB pep.*
- 6: /cgn2_5/ptodata/2/pubpaa/US07_PUBCOMB pep.*
- 7: /cgn2_5/ptodata/2/pubpaa/PTIUS_PUBCOMB pep.*
- 8: /cgn2_5/ptodata/2/pubpaa/US08_PUBCOMB pep.*
- 9: /cgn2_5/ptodata/2/pubpaa/US09_NEW_PUB pep.*
- 10: /cgn2_5/ptodata/2/pubpaa/US09_PUBCOMB pep.*
- 11: /cgn2_5/ptodata/2/pubpaa/US10_NEW_PUB pep.*
- 12: /cgn2_5/ptodata/2/pubpaa/US10_PUBCOMB pep.*
- 13: /cgn2_5/ptodata/2/pubpaa/US60_NEW_PUB pep.*
- 14: /cgn2_5/ptodata/2/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Score	Length	DB ID	Description
1	60	100.0	635	10	US-09-925-299-896
2	39	65.0	57	10	US-09-864-761-44065
3	39	65.0	405	10	US-09-863-475A-8
4	35	58.3	46	10	US-09-864-761-45608
5	35	58.3	235	10	US-09-947-442-2
6	35	58.3	236	9	US-09-748-626-6077
7	35	58.3	721	12	US-10-025-187-2
8	34.5	57.5	149	10	US-09-904-536-20
9	34	56.7	333	10	US-09-828-313-33
10	34	56.7	468	10	US-09-925-300-1520
11	34	56.7	481	10	US-09-815-242-4952
12	34	56.7	489	10	US-09-815-242-10791
13	33	55.0	166	10	US-09-934-868-48
14	33	55.0	228	10	US-09-900-715-2
15	33	55.0	374	10	US-09-925-302-711
16	33	55.0	645	9	US-09-764-868-625
17	33	55.0	663	10	US-09-815-242-11869
18	33	55.0	26476	9	US-09-754-508H-2
19	32	53.3	86	10	US-09-864-761-34118

20	32	53.3	95	10	US-09-864-761-48467	Sequence 48467, A
21	32	53.3	151	10	US-09-840-787-1	Sequence 1, Appli
22	32	53.3	209	10	US-09-864-761-47898	Sequence 47898, A
23	32	53.3	216	10	US-09-745-763-4	Sequence 4, Appli
24	32	53.3	525	9	US-10-002-344A-201	Sequence 201, App
25	32	53.3	810	10	US-09-809-567-3	Sequence 3, Appli
26	32	53.3	866	10	US-09-778-971-9	Sequence 9, Appli
27	32	53.3	866	12	US-10-033-522-1	Sequence 1, Appli
28	32	53.3	913	9	US-09-865-040-2	Sequence 2, Appli
29	32	53.3	928	10	US-09-815-242-10417	Sequence 10417, A
30	32	53.3	1591	10	US-09-864-761-37952	Sequence 37952, A
31	32	53.3	3353	10	US-09-888-615-64	Sequence 64, Appli
32	31	51.7	39	10	US-09-864-761-48038	Sequence 48038, A
33	31	51.7	42	10	US-09-864-761-48684	Sequence 48684, A
34	31	51.7	57	10	US-09-925-302-483	Sequence 483, App
35	31	51.7	74	10	US-09-864-761-40477	Sequence 40477, A
36	31	51.7	76	9	US-09-084-245-239	Sequence 239, App
37	31	51.7	81	10	US-09-864-761-34751	Sequence 34751, A
38	31	51.7	81	10	US-09-864-761-40772	Sequence 40772, A
39	31	51.7	146	9	US-09-890-813-14	Sequence 14, Appli
40	31	51.7	163	10	US-09-939-980-420	Sequence 420, App
41	31	51.7	181	10	US-09-867-550-1394	Sequence 1394, Ap
42	31	51.7	199	9	US-09-898-216-7	Sequence 7, Appli
43	31	51.7	234	9	US-10-063-547-14	Sequence 14, Appli
44	31	51.7	234	9	US-10-174-590-66	Sequence 66, Appli
45	31	51.7	244	9	US-10-176-758-66	Sequence 66, Appli

ALIGNMENTS

RESULT 1
US-09-925-299-896
Seq: 925-299-896, Application: US/09-925-299
Patent No. US20020055627A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: FA02
CURRENT APPLICATION NUMBER: US/09/925,299
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PCT APPLICATION NUMBER: 69/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: Patent In Ver 2.0
SEQ ID NO 896
LENGTH: 635
TYPE: PRT
ORGANISM: Homo sapiens
US-09-925-299-896

Query Match 100.0%; Score 60; DH 10; Length 635;
Best Local Similarity 100.0%; Pred. No. 0.0051;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 EELMLRLQDYEE 12
DB 394 EELMLRLQDYEE 405

RESULT 2
US-09-864-761-44065
Sequence 44065, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Pucc, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Handel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Acomica X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: CH 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,459
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 44065
 LENGTH: 57
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC006195.1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL - 1.2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 1.2
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL - 7.6
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL - 1.4
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL - 1.1
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL - 1.1
 OTHER INFORMATION: SWISSPROT HIT: P56092, EVALUATE 4.60e+00
 US 09-864-761 44065

Query Match 65.0% Score 39; DH 10; Length 57;
 Best Local Similarity 72.7% Pred. No. 1.7;
 Matches 8; Conservative 2; Mismatches 1; Indels 0; Gaps 0.

QY 2 FLMLRLQDYEE 12
 ||| ||| |||
 DB 136 FEVDLRVLDYEE 28

RESULT 4

US 09 864 475A-8
 Sequence 8, Application US/0986475A
 Patent No. US20020102688A1
 GENERAL INFORMATION:
 APPLICANT: LOWE, JOHN H.
 TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 OF OLIGOSACCHARIDE STIMULATES ON GLYCO-PROTEINS.

GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 OF OLIGOSACCHARIDE STIMULATES THAT INTERFERE WITH THESE STIMULATES
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: OHION, SPIVAK, MCCLELLAND, MATHER & NEUSTADT,
 P.C.
 STREET: 1755 Jefferson Davis Highway, Fourth Floor
 CITY: Arlington
 STATE: Virginia
 COUNTRY: U.S.A.
 ZIP: 22202
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patchin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/863,475A
 FILING DATE: 24-May-2001
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/914,281
 FILING DATE: 20-JUL-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Lavalleye, Jean-Paul M. P.
 REGISTRATION NUMBER: 31,451
 REFERENCE/DOCKET NUMBER: 2363-060-55
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)521-4500
 TELEFAX: (703)486-2347
 TELEX: 248855 OPAT UR
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 405 amino acids
 TYPE: amino acid
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 8:
 US-09-863-475A-8
 Query Match 65.0% Score 39; DH 10; Length 405;
 Best Local Similarity 66.7% Pred. No. 13;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
 QY 1 FLMLRLQDYEE 12
 ||| ||| |||
 DB 136 FEVDLRVLDYEE 147
 RESULT 4
 US-09-864-761-45608
 Sequence 45608, Application US/09864761
 Patent No. US20020048763A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharon G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Acomica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: CH 24263,6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,459
 PRIOR FILING DATE: 2000-09-27

1 PRIOR APPLICATION NUMBER: PCT/US01/00666
2 PRIOR FILING DATE: 2001-01-30
3 PRIOR APPLICATION NUMBER: PCT/US01/00667
4 PRIOR FILING DATE: 2001-01-30
5 PRIOR APPLICATION NUMBER: PCT/US01/00664
6 PRIOR FILING DATE: 2001-01-30
7 PRIOR APPLICATION NUMBER: PCT/US01/00669
8 PRIOR FILING DATE: 2001-01-30
9 PRIOR APPLICATION NUMBER: PCT/US01/00665
10 PRIOR FILING DATE: 2001-01-30
11 PRIOR APPLICATION NUMBER: PCT/US01/00668
12 PRIOR FILING DATE: 2001-01-30
13 PRIOR APPLICATION NUMBER: PCT/US01/00663
14 PRIOR FILING DATE: 2001-01-30
15 PRIOR APPLICATION NUMBER: PCT/US01/00662
16 PRIOR FILING DATE: 2001-01-30
17 PRIOR APPLICATION NUMBER: PCT/US01/00661
18 PRIOR FILING DATE: 2001-01-30
19 PRIOR APPLICATION NUMBER: PCT/US01/00670
20 PRIOR FILING DATE: 2001-01-30
21 PRIOR APPLICATION NUMBER: US 60/234,687
22 PRIOR FILING DATE: 2000-09-21
23 PRIOR APPLICATION NUMBER: US 09/608,408
24 PRIOR FILING DATE: 2000-06-30
25 PRIOR APPLICATION NUMBER: US 09/774,203
26 PRIOR FILING DATE: 2001-01-30
27 NUMBER OF SEQ ID NOS: 49117
28 SOFTWARE: Anomax Sequence Listing Engine vers 1.1
29 SEQ ID NO 45608
30 LENGTH: 46
31 TYPE: PRT
32 ORGANISM: Homo sapiens
33 FEATURE:
34 OTHER INFORMATION: MAP TO AC009155.3
35 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.65
36 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.62
37 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.98
38 OTHER INFORMATION: EST_HUMAN HIT: AL138321.1, EVALUATE 5.00e-11
39 OTHER INFORMATION: SWISSPROT HIT: P45891, EVALUATE 8.20e+00
40 US-09-864-761-45608

Query Match 58.3%, Score 35; DB 10; Length 46;
Best Local Similarity 50.0%; Pred. No. 6.5;
Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
: ||| : |||
DB 32 QNLLRLRYEE 43

RESULT 5
US-09-947-442-2
1 Sequence 2, Application US/09947442
2 Patent No. US20020652486A1
3 GENERAL INFORMATION:
4 APPLICANT: BATHIE, BRIGITTE
5 APPLICANT: SCHROEDER, INDIRA
6 APPLICANT: PEPPERLE, WALTER
7 TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE GPMH GENE
8 FILE REFERENCE: 213067US0X
9 CURRENT APPLICATION NUMBER: US/09/947,442
10 PRIOR FILING DATE: 2001-09-07
11 PRIOR APPLICATION NUMBER: DE 10044772.4
12 PRIOR FILING DATE: 2000-09-09
13 PRIOR APPLICATION NUMBER: DE 10133668.5
14 PRIOR FILING DATE: 2001-07-11
15 NUMBER OF SEQ ID NOS: 4
16 SOFTWARE: PatentIn version 3.1
17 SEQ ID NO 2
18 LENGTH: 235
19 TYPE: PRT
20 ORGANISM: Corynebacterium glutamicum
21 US-09-947-442-2

Query Match 58.3%, Score 35; DB 10; Length 236;
Best Local Similarity 50.0%; Pred. No. 36;
Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
: ||| : |||
DB 134 DELMVSLEWDE 145

RESULT 6
US-09-738-626-6077
1 Sequence 2, Application US/999738626
2 Patent No. US20020197605A1
3 GENERAL INFORMATION:
4 APPLICANT: NAKAGAWA, SATOSHI
5 APPLICANT: MIYOCUCHI, HIROSHI
6 APPLICANT: ANEO, SEIKO
7 APPLICANT: HAYASHI, MIKIO
8 APPLICANT: OCHIALI, KEIKO
9 APPLICANT: YOKOI, HARUHIKO
10 APPLICANT: TATEISHI, NAKO
11 APPLICANT: SENOH, AKIHITO
12 APPLICANT: IKEDA, MASATO
13 APPLICANT: OZAKI, AKIO
14 TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
15 FILE REFERENCE: 249-125
16 CURRENT APPLICATION NUMBER: US/99/738,626
17 CURRENT FILING DATE: 2000-12-18
18 PRIOR APPLICATION NUMBER: JP 99/377484
19 PRIOR FILING DATE: 1999-12-16
20 PRIOR APPLICATION NUMBER: JP 00/159162
21 PRIOR FILING DATE: 2000-04-07
22 PRIOR APPLICATION NUMBER: JP 00/280988
23 PRIOR FILING DATE: 2000-08-03
24 NUMBER OF SEQ ID NOS: 7059
25 SOFTWARE: PatentIn ver. 3.0
26 SEQ ID NO 6077
27 LENGTH: 236
28 TYPE: PRT
29 ORGANISM: Corynebacterium glutamicum
30 US-09-738-626-6077

Query Match 58.3%, Score 35; DB 9; Length 236;
Best Local Similarity 50.0%; Pred. No. 36;
Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
: ||| : |||
DB 134 DELMVSLEWDE 145

RESULT 7
US-10-025-187-2
1 Sequence 2, Application US/10025187
2 Patent No. US20020150931A1
3 GENERAL INFORMATION:
4 APPLICANT: SHEFFIELD, VAL
5 APPLICANT: NISHIMURA, DARRYL
6 APPLICANT: STONE, EDWARD
7 TITLE OF INVENTION: A RAPIDLY-ETIOL SUSCEPTIBILITY GENE AND USES THEREOF
8 FILE REFERENCE: IOWA:034US
9 CURRENT APPLICATION NUMBER: US/10/025,187
10 PRIOR FILING DATE: 2001-12-18
11 PRIOR APPLICATION NUMBER: IOWA:256,900
12 PRIOR FILING DATE: 2000-12-19
13 NUMBER OF SEQ ID NOS: 3
14 SOFTWARE: PatentIn Ver. 2.1
15 SEQ ID NO 2
16 LENGTH: 721
17 TYPE: PRT
18 ORGANISM: Homo sapiens
19 US-10-025-187-2

Query Match 58.4% Score 35; DB 12; Length 721;
 Best Local Similarity 50.0%; Pred. No. 1.2e+02;
 Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 BELMIRLODYEE 12
 DB 346 QNLLLELNKYEE 357

RESULT 8
 US 09-904-546-20
 Sequence 20; Application US/09404546
 Patent No. US2952311475A1
 GENERAL INFORMATION:
 APPLICANT: Graadlis, Thomas J.
 APPLICANT: McGrew, Jeffrey T.
 TITLE OF INVENTION: ELI-1 MUTANTS AND METHODS OF USE
 FILE REFERENCE: 01260-0028
 CURRENT APPLICATION NUMBER: US/09/904,546
 CURRENT FILING DATE: 2001-07-16
 PRIOR APPLICATION NUMBER: PRIOR APPLICATION: 09/109,100
 PRIOR FILING DATE: 1999-07-02
 NUMBER OF SEQ ID NOS: 20
 SOFTWARE: Patent in Ver. 2.1
 SEQ ID NO 20
 LENGTH: 149
 TYPE: PRT
 ORGANISM: Homo sapiens
 US 09-904-546-20

Query Match 57.5% Score 34.5; DB 10; Length 149;
 Best Local Similarity 52.9%; Pred. No. 27;
 Matches 9; Conservative 2; Mismatches 1; Indels 5; Gaps 1;

QY 1 BELMIRLODYEE 12
 DB 81 QNLLLELNKYEE 97

RESULT 9
 US 09-828-313-33
 Sequence 33; Application US/09828313
 Patent No. US2002205062A1
 GENERAL INFORMATION:
 APPLICANT: COSTA e SILVA, OSWALDO DA
 APPLICANT: BOHNERT, HANS J.
 APPLICANT: THIELEN, NOCHA VAN
 APPLICANT: CHEN, ROUYING
 APPLICANT: SARRIA-MILLAN, RODRIGO
 TITLE OF INVENTION: PROTEIN KINASE STRESS-RELATED PROTEINS AND METHODS OF
 FILE REFERENCE: 16313-0032
 CURRENT APPLICATION NUMBER: US/09/828,313
 CURRENT FILING DATE: 2001-04-06
 PRIOR APPLICATION NUMBER: 60/196,001
 PRIOR FILING DATE: 2000-04-07
 NUMBER OF SEQ ID NOS: 128
 SOFTWARE: Patent in Ver. 2.1
 SEQ ID NO 33
 LENGTH: 333
 TYPE: PRT
 ORGANISM: Physcomitrella patens
 US 09-828-313-33

Query Match 56.7% Score 34; DB 10; Length 333;
 Best Local Similarity 60.0%; Pred. No. 76;
 Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 BELMIRLODYEE 11
 DB 196 BELMIRLODYEE 205

RESULT 10
 US 09-925-300-1620
 Sequence 1620; Application US/09925300
 Patent No. US20020151681A1
 GENERAL INFORMATION:
 APPLICANT: Craig Rosen,
 APPLICANT: Steve Rubin,
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 FILE REFERENCE: PA101
 CURRENT APPLICATION NUMBER: US/09/925,300
 CURRENT FILING DATE: 2001-08-10
 PRIOR APPLICATION NUMBER: PCT/US00/05988
 PRIOR FILING DATE: 2000-03-08
 PRIOR APPLICATION NUMBER: 60/124,270
 PRIOR FILING DATE: 1999-03-12
 NUMBER OF SEQ ID NOS: 1890
 SOFTWARE: Patent in Ver. 2.0
 SEQ ID NO 1620
 LENGTH: 468
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (1)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (4)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US 09-925-300-1620

Query Match 56.7% Score 34; DB 10; Length 468;
 Best Local Similarity 50.0%; Pred. No. 1.1e+02;
 Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 1 BELMIRLODYEE 12
 DB 337 BELMIRLODYEE 348

RESULT 11
 US 09-815-242-4952
 Sequence 4952; Application US/09815242
 Patent No. US20020361569A1
 GENERAL INFORMATION:
 APPLICANT: Haselbeck, Robert
 APPLICANT: Ohlsen, Karl L.
 APPLICANT: Zyskind, Judith W.
 APPLICANT: Wall, Daniel
 APPLICANT: Trawick, John D.
 APPLICANT: Carr, Grant J.
 APPLICANT: Yamamoto, Robert T.
 APPLICANT: Xu, H. Howard
 TITLE OF INVENTION: Identification of Essential Genes in
 PROKARYOTES
 FILE REFERENCE: ELITRA.011A
 CURRENT APPLICATION NUMBER: US/09/815,242
 CURRENT FILING DATE: 2001-03-21
 PRIOR APPLICATION NUMBER: 60/191,078
 PRIOR FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: 60/206,848
 PRIOR FILING DATE: 2000-05-23
 PRIOR APPLICATION NUMBER: 60/207,727
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: 60/242,578
 PRIOR FILING DATE: 2000-10-23
 PRIOR APPLICATION NUMBER: 60/253,625
 PRIOR FILING DATE: 2000-11-27
 PRIOR APPLICATION NUMBER: 60/257,931
 PRIOR FILING DATE: 2000-12-22
 PRIOR APPLICATION NUMBER: 60/269,308
 PRIOR FILING DATE: 2001-02-16
 NUMBER OF SEQ ID NOS: 14110

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4952
LENGTH: 481
TYPE: PRT
ORGANISM: Enterococcus faecalis
US-09-815-242-4952

Query Match 56.7%, Score 34; DB 10; Length 481;
Best Local Similarity 58.3%; Pred. No. 1.1e+02;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
II : I : I : I : I : I : I :
DB 25 EETLNRIQDTEE 36

RESULT 12
US-09-815-242-10791
Sequence 10791, Application US/09815242
Patent No. US20020061559A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari L.
APPLICANT: Zyskind, Judith W.
APPLICANT: Wall, Daniel
APPLICANT: Trawick, John D.
APPLICANT: Carr, Grant J.
APPLICANT: Yamamoto, Robert T.
APPLICANT: Xu, H. Howard

TITLE OF INVENTION: Identification of Essential genes in
FILE REFERENCE: ELITRA 011A
CURRENT APPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/91,078
PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: 60/207,727
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/257,931
PRIOR FILING DATE: 2000-12-22
PRIOR APPLICATION NUMBER: 60/269,308
PRIOR FILING DATE: 2001-02-16
NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 10791
LENGTH: 489
TYPE: PRT
ORGANISM: Enterococcus faecalis
US-09-815-242-10791

Query Match 56.7%, Score 34; DB 10; Length 489;
Best Local Similarity 58.3%; Pred. No. 1.1e+02;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
II : I : I : I : I : I : I :
DB 28 EETLNRIQDTEE 39

RESULT 13
US-09-934-868-48
Sequence 48, Application US/09934868
Patent No. US20020137190A1
GENERAL INFORMATION:
APPLICANT: Koffas, Matthews
APPLICANT: Odom, James M
APPLICANT: Schenckle, Andreas J

TITLE OF INVENTION: IDENTIFYING METHAN-TP-PHIL BACTERIAL STRAIN
FILE REFERENCE: CL1596 US NA
CURRENT APPLICATION NUMBER: US/09/934,868
CURRENT FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: 60/229,858
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 81
SOFTWARE: Microsoft Office 97
SEQ ID NO 48
LENGTH: 166
TYPE: PRT
ORGANISM: Methylobacillus 16a
FEATURE:
OTHER INFORMATION: NlrH
US-09-934-868-48

Query Match 55.0%, Score 33; DB 10; Length 166;
Best Local Similarity 58.3%; Pred. No. 55;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
II : I : I : I : I : I : I :
DB 44 QELMLRLQDYEE 55

RESULT 14
US-09-900-715-2
Sequence 2, Application US/09900715
Patent No. US20020084480A1
GENERAL INFORMATION:
APPLICANT: Allen, Keith D.
TITLE OF INVENTION: TRANSGENIC MICE CONTAINING PROTEIN
FILE REFERENCE: P-775
CURRENT APPLICATION NUMBER: US/09/900,715
CURRENT FILING DATE: 2001-07-06
PRIOR APPLICATION NUMBER: US 60/216,104
PRIOR FILING DATE: 2000-07-06
PRIOR APPLICATION NUMBER: US 60/223,386
PRIOR FILING DATE: 2000-08-07
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 228
TYPE: PRT
ORGANISM: Mus musculus
FEATURE:
NAME/KEY: VARIANT
LOCATION: 66
OTHER INFORMATION: Xaa = Any Amino Acid
US-09-900-715-2

Query Match 55.0%, Score 33; DB 10; Length 228;
Best Local Similarity 58.3%; Pred. No. 76;
Matches 7; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
II : I : I : I : I : I : I :
DB 13 EALQKHLQDYEE 24

RESULT 15
US-09-925-302-711
Sequence 711, Application US/09925302
Patent No. US2002004941A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA104
CURRENT APPLICATION NUMBER: US/09/925,302
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05918
PRIOR FILING DATE: 2000-03-08

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: PRIOR APPLICATION NUMBER: 60/124,270
: PRIOR FILING DATE: 1999-03-12
: NUMBER OF SEQ ID NOS: 896
: SOFTWARE: Patent In Ver. 2.0
: SEQ ID NO 711
: LENGTH: 374
: TYPE: PRT
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: SITE
: LOCATION: (85)
: OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-302-711

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Query Match      55.0%; Score 33; DB 10; Length 374;
Best Local Similarity 41.7%; Pred. No. 1.3e+02;
Matches 5; Conservative 5; Mismatches 2; Indels 0; Caps 0;

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QY 1 EELMLRLQDYEE 12
   : : : : : : : : : : : : : : : :
DB 41 QQLQAQLDYKE 52

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Search completed: January 16, 2003, 17:00:08
Job time : 7.47143 secs

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